ORIGINAL

DECLARATION and POWER OF ATTORNEY

CONTINUATION DIVISIONAL As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor (if only one name is listed as 1 below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "OPTICAL TRANSMISSION SYSTEM" the specification of which is attached hereto unless the following box is checked: was filed on <u>September 16, 2004</u> as United States Application Number or PCT International Application Number PCT/JP2004/013515 and was amended on My residence, post office address and citizenship are as stated below next to my name. Lacknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations § 1.56(a). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: PRIOR FOREIGN APPLICATION (S) PRIORITY CLAIMED UNDER DATE OF FILING Month Day Year 35 U.S.C. 119 COUNTRY APPLICATION NUMBER YES(x) NO() 02/17/2004 JAPAN JP2004-039130 I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application. (Status) (Filing Date) (Application Serial No.) POWER OF ATTORNEY: As a named Inventor, I hereby appoint the following attorney(s) and/or Agent(s) to prosecute this application and transact all business in the Patent 000026021 26021 PATENT TRADEMARK OFFICE DIRECT TELEPHONE CALLS TO: Hogan & Hartson L.L.P. 000026021 □ Customer Number □ Send correspondence to: 500 South Grand Avenue, Suite 1900 Anthony J. Orler Los Angeles, California 90071 213-337-6700 (Please Print) STATE or COUNTRY Residence: CITY Name of Inventor **JAPAN** Tokyo Hiroyuki FUKUYAMA 1 Post Office Address

CITIZENSHIP c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Japan Tokyo 100-8116 JAPAN STATE or COUNTRY Residence: CITY Name of Inventor JAPAN Tokyo Toshihiro ITOH 2 CITIZENSHIP Post Office Address c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Japan Tokyo 100-8116 JAPAN STATE or COUNTRY Residence: CITY Name of Inventor JAPAN Satoshi TUNASHIMA Tokyo 3 CITIZENSHIP Post Office Address c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Japan Tokyo 100-8116 JAPAN STATE or COUNTRY Residence: CITY Name of Inventor **JAPAN** Tokyo Kimikazu SANO 4 CITIZENSHIP Post Office Address c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Japan Tokyo 100-8116 JAPAN STATE or COUNTRY Residence: CITY Name of Inventor JAPAN Tokyo Koichi MURATA 5 CITIZENSHIP Post Office Address c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Japan Tokyo 100-8116 JAPAN

	Name of Inventor	Residence: CITY	STATE or COUNTRY
	Yohtaro UMEDA	Tokyo	JAPAN
6	Post Office Address		CITIZENSHIP
	c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku,		
	Tokyo 100-8116 JAPAN		Japan Japan
	Name of Inventor	Residence: CITY	STATE or COUNTRY
7	Yasuo TAZOH	Tokyo	JAPAN
	Post Office Address		CITIZENSHIP
	c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 JAPAN		Japan
	Name of Inventor	Residence: CITY	STATE or COUNTRY
	Hirohiko SUGAHARA	Tokyo	JAPAN
8	Post Office Address		CITIZENSHIP
	c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 JAPAN		Japan
	Name of Inventor	Residence: CITY	STATE or COUNTRY
_	Hiromu TOBA	Tokyo	JAPAN
ġ	Post Office Address		CITIZENSHIP
-	c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 JAPAN		Japan
	Name of Inventor	Residence: CITY	STATE or COUNTRY
i :	Masahiro MURAGUCHI	Tokyo	JAPAN
10	Post Office Address		CITIZENSHIP
	c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 JAPAN		Japan
	Name of Inventor	Residence: CITY	STATE or COUNTRY
	Senichi SUZUKI	Tokyo	JAPAN
11	Post Office Address	CITIZENSHIP	
	c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1,	longo	
	Tokyo 100-8116 JAPAN Name of Inventor	Residence: CITY	STATE or COUNTRY
12	Seiji FUKUSHIMA	Tokyo	JAPAN
	Post Office Address c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku,		CITIZENSHIP
	Tokyo 100-8116 JAPAN		Japan
	Name of Inventor	Residence: CITY	STATE or COUNTRY
	Yoshinori HIBINO	Tokyo	JAPAN
13	Post Office Address		CITIZENSHIP
	c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 JAPAN		
	Name of Inventor	Residence: CITY	STATE or COUNTRY
14	Tadashi SAKAMOTO	Tokyo	JAPAN
14	Post Office Address		CITIZENSHIP

	Name of Inventor	Residence: CITY	STATE or COUNTRY
	Yoshiaki YAMABAYASHI	Tokyo	JAPAN
15	Post Office Address		CITIZENSHIP
	c/o NTT Electronics Corporation,		
	12-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 JAPAN		Japan
	Name of Inventor	Residence: CITY	STATE or COUNTRY
	Eiji YOSHIDA	Tokyo	JAPAN
16	Post Office Address		CITIZENSHIP
	c/o NTT Electronics Corporation,		
	12-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 JAPAN		Japan
	Name of Inventor	Residence: CITY	STATE or COUNTRY
	Ryuichi IWAMOTO	Tokyo	JAPAN
17	Post Office Address		CITIZENSHIP
	c/o NTT Electronics Corporation,		
	12-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 JAPAN		Japan

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1 (Hirgyuki FUKUYAMA)	SIGNATURE OF INVENTOR 2 (Toshihiro ITOH)
Hornshi Fredmen	Joshhiri Froh
DATE August 3, 200	DATE July 7, 2006
SIGNATURE OF INVENTOR 3 (Satoshi TUNASHIMA)	SIGNATURE OF INVENTOR 4 (Kimikazu SANO)
Sixoski Trumishima Saxoshi Tunashima	Kiniboga Sant
DATE Judg 10, 2006 August 9, 2006	DATE August 3, 2006
SIGNATURE OF INVENTOR 5 (Koichi MURATA)	SIGNATURE OF INVENTOR 6 (Yohtaro UMEDA)
DATE July 10. 200	DATE
SIGNATURE OF INVENTOR F (Yasuo TAZOH)	SIGNATURE OF INVENTOR 8 (Hirohiko SUGAHARA)
DATE June 30, 2006	DATE July 20, 2006
SIGNATURE OF INVENTOR 9 (Hiromu TOBA)	SIGNATURE OF INVENTOR 10 (Masahiro MURAGUCHI)
DATE June 30, 2006	DATE
SIGNATURE OF INVENTOR 11 (Senichi SUZUKI)	SIGNATURE OF INVENTOR 12 (Seiji FUKUSHIMA)
DATE August 3, 2006	DATE August 3, 2006
SIGNATURE OF INVENTOR/13 (Yoshinori HIBINO)	SIGNATURE OF INVENTOR 14 (Tadashi SAKAMOTO)
J. Laturo	Jadashi Sakamoto
DATE August 3, 2006	DATE August 3. 2006
SIGNATURE OF INVENTOR 15 (Yoshiaki YAMABAYASHI)	SIGNATURE OF INVENTOR 16 (Eiji YOSHIDA)
Garbyeli	Eizi Joshida
DATE August 3, 2006	DATE August 3, 2006
SIGNATURE OF INVENTOR 17 (Ryuichi IWAMOTO)	SIGNATURE OF INVENTOR
Ryaichi duamoto	
DATE June 30, 2006	DATE

•

·

SIGNATURE OF INVENTOR 1 (Hiroyuki FUKUYAMA)	SIGNATURE OF INVENTOR 2 (Toshihiro ITOH)
DATE	DATE
SIGNATURE OF INVENTOR 3 (Satoshi TUNASHIMA)	SIGNATURE OF INVENTOR 4 (Kimikazu SANO)
DATE	DATE
SIGNATURE OF INVENTOR 5 (Koichi MURATA)	SIGNATURE OF INVENTOR 6 (Yohtaro UMEDA) Yohtaro Umeda
DATE	DATE August 3, 2006
SIGNATURE OF INVENTOR 7 (Yasuo TAZOH)	SIGNATURE OF INVENTOR 8 (Hirohiko SUGAHARA)
DATE	DATE
SIGNATURE OF INVENTOR 9 (Hiromu TOBA)	SIGNATURE OF INVENTOR 10 (Masahiro MURAGUCHI)
DATE	DATE
SIGNATURE OF INVENTOR 11 (Senichi SUZUKI)	SIGNATURE OF INVENTOR 12 (Seiji FUKUSHIMA)
DATE	DATE
SIGNATURE OF INVENTOR 13 (Yoshinori HIBINO)	SIGNATURE OF INVENTOR 14 (Tadashi SAKAMOTO)
DATE	DATE
SIGNATURE OF INVENTOR 15 (Yoshiaki YAMABAYASHI)	SIGNATURE OF INVENTOR 16 (EIJI YOSHIDA)
DATE	DATE
SIGNATURE OF INVENTOR 17 (Ryuichi IWAMOTO)	SIGNATURE OF INVENTOR
DATE	DATE

SIGNATURE OF INVENTOR 1 (Hiroyuki FUKUYAMA)	SIGNATURE OF INVENTOR 2 (Toshihiro ITOH)
DATE	DATE
SIGNATURE OF INVENTOR 3 (Satoshi TUNASHIMA)	SIGNATURE OF INVENTOR 4 (Kimikazu SANO)
DATE	DATE
SIGNATURE OF INVENTOR 5 (Koichi MURATA)	SIGNATURE OF INVENTOR 6 (Yohtaro UMEDA)
DATE	DATE
SIGNATURE OF INVENTOR 7 (Yasuo TAZOH)	SIGNATURE OF INVENTOR 8 (Hirohiko SUGAHARA)
DATE	DATE
SIGNATURE OF INVENTOR 9 (Hiromu TOBA)	SIGNATURE OF INVENTOR 10 (Masahiro MURAGUCHI) Masahiro Muraguchi DATE 1
DATE	DATE August 3: 2006
SIGNATURE OF INVENTOR 11 (Senichi SUZUKI)	SIGNATURE OF INVENTOR 12 (Seiji FUKUSHIMA)
DATE	DATE
SIGNATURE OF INVENTOR 13 (Yoshinori HIBINO)	SIGNATURE OF INVENTOR 14 (Tadashi SAKAMOTO)
DATE	DATE
SIGNATURE OF INVENTOR 15 (Yoshiaki YAMABAYASHI)	SIGNATURE OF INVENTOR 16 (Eiji YOSHIDA)
DATE	DATE
SIGNATURE OF INVENTOR 17 (Ryuichi IWAMOTO)	SIGNATURE OF INVENTOR
DATE	DATE

•